

May 31 - June 6, 2002

The Terra spacecraft is in nominal mode. All instruments are functioning well in science mode.

The 7-day demo of two MODIS data dumps per orbit in support of NPP data delivery requirements has been planned for June 13-20, 2002. The primary playback automation command procedure has been modified and tested as required to support this demonstration. As a result of the launch delays for the space shuttle mission STS-111, some of the days for this demonstration will overlap the shuttle mission. This presents a challenging scenario for getting the required Tracking and Data Relay Satellite System (TDRSS) time, and may impact the ability of Terra to obtain two MODIS dumps per orbit for some time periods.

The scrub of mode transition and safe hold procedures undertaken subsequent to the safe hold event following the 5th inclination adjust maneuver on March 19, 2002, has been completed. Spacecraft development contractor subsystem engineers supported the Earth Science Mission Operations Project and Terra Flight Operations Team in the effort, and will be issuing a final report on the work effort. No specific date has been set for rescheduling the 6th inclination adjust maneuver; no date will be selected until at least the point at which Aqua attains its mission operational orbit.

The next drag make-up maneuver is scheduled for June 19.